

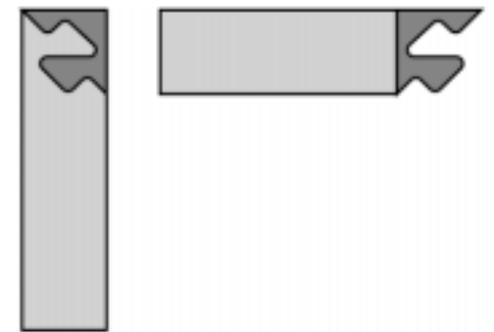
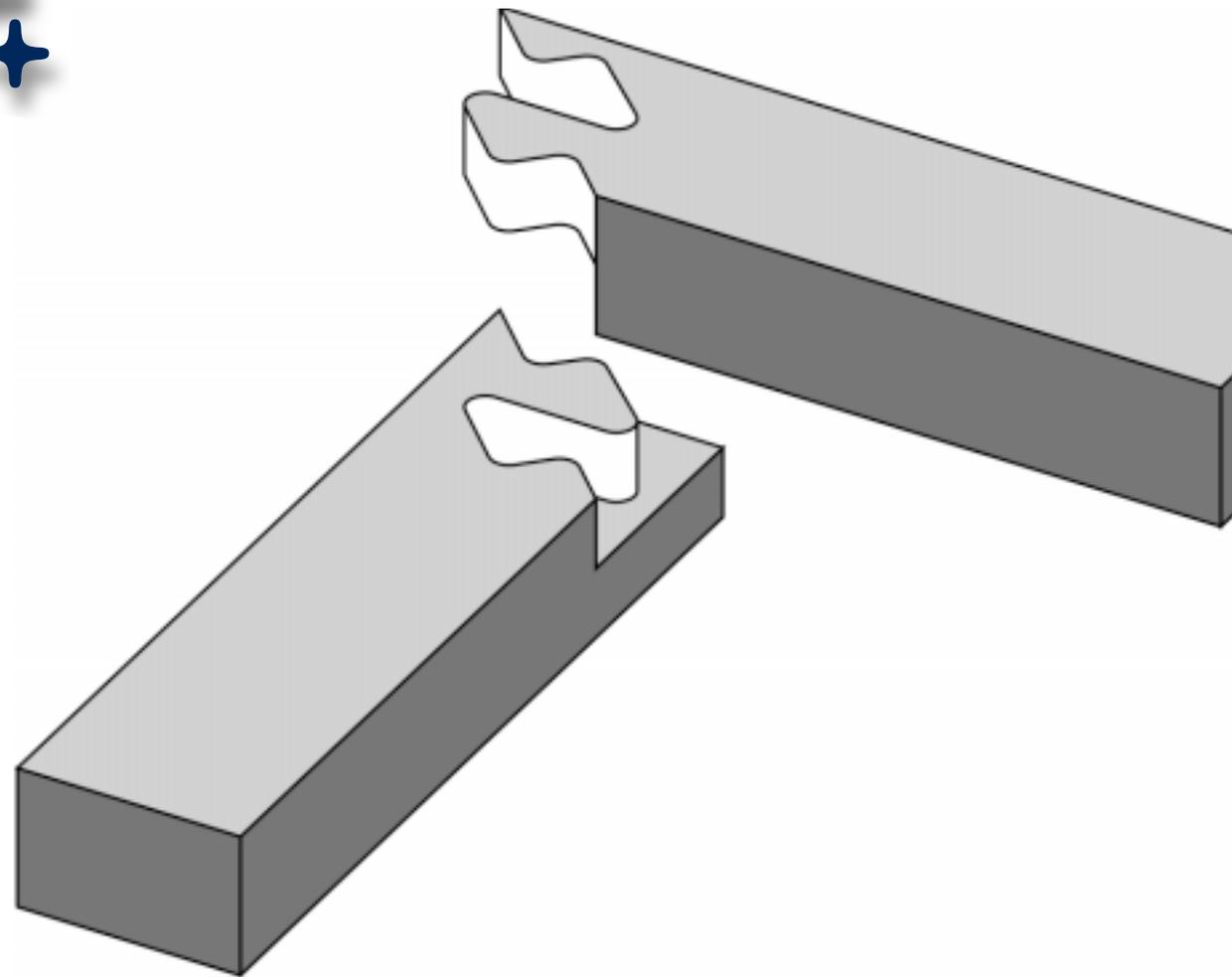


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Jigsaw Mitre Joint

Corner joints with mitred framing timbers are considered to be particularly harmonious from a design viewpoint. From a technical viewpoint, however, the traditional mitred frame joints count among the “weak“ wood joints.

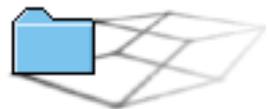
Like the dovetail corner scarf, the Jigsaw Mitre Joint distinguishes itself through its good technical qualities. The geometry of the two opposing shaped tenons, whose lines run parallel either to the frame or to the mitre, guarantees tensile strength and at the same time the harmony of the joint.



Example of application

→ Frame-Shelf

→ to the data files

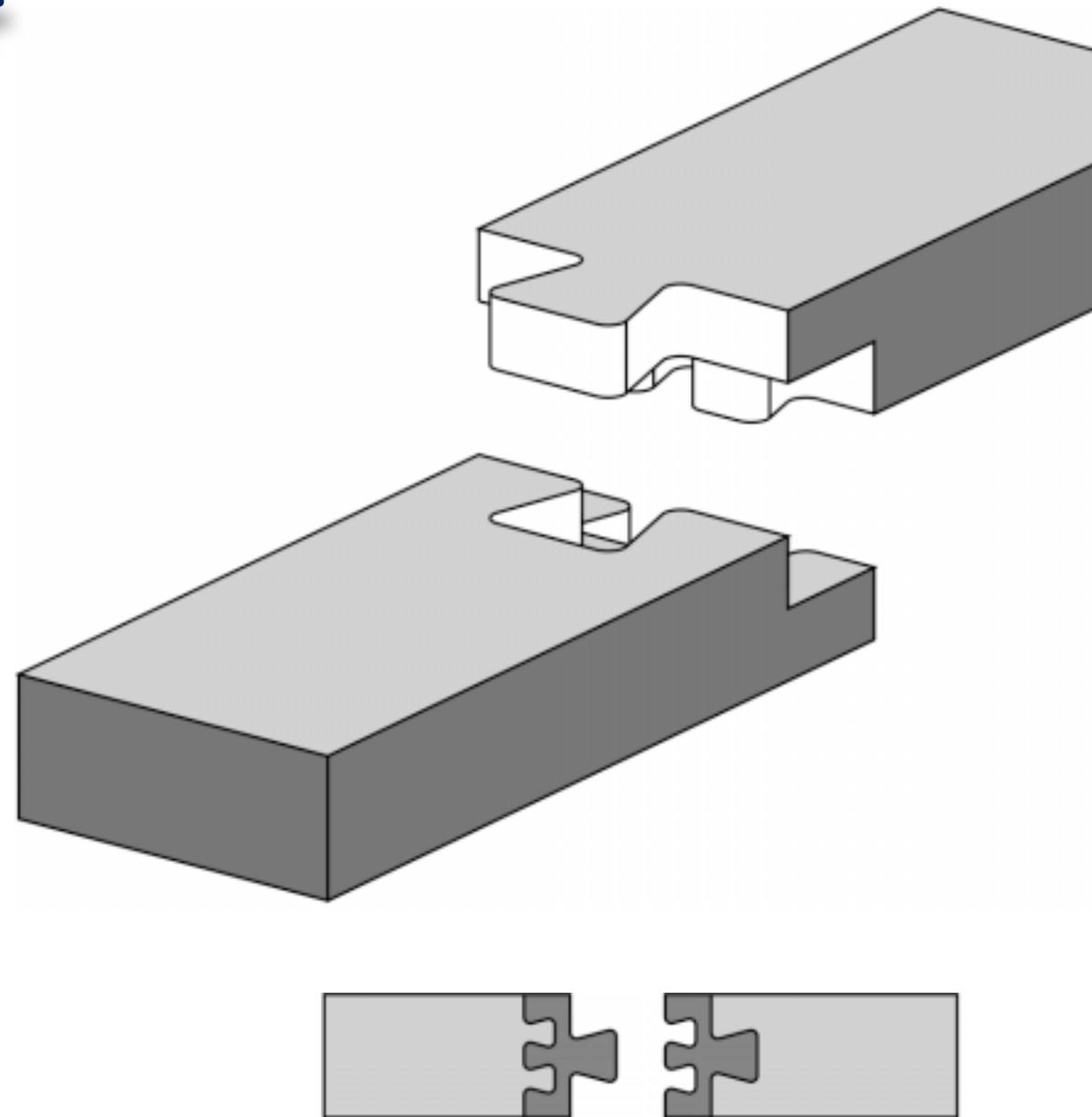




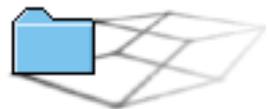
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Triple Dovetail

The Triple Dovetail is a variant of the Double Dovetail Joint and is particularly suited for the lengthening of wide framing timbers. On the top side of the closed joint only one big dovetail tenon is visible, on the underside there are two smaller ones. They prevent the framing timbers from twisting and strengthen the joint as they shorten the length of the flattened surface. Dovetail scarfs fit in with the group of the scarf joints as well as with the group of the table joints, which can occasionally lead to misunderstandings.



→ to the data files



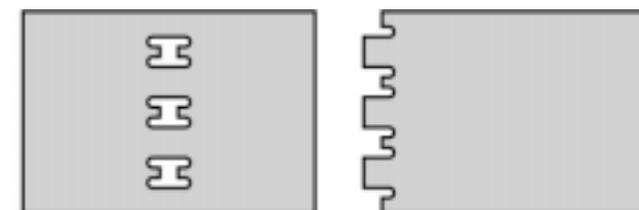
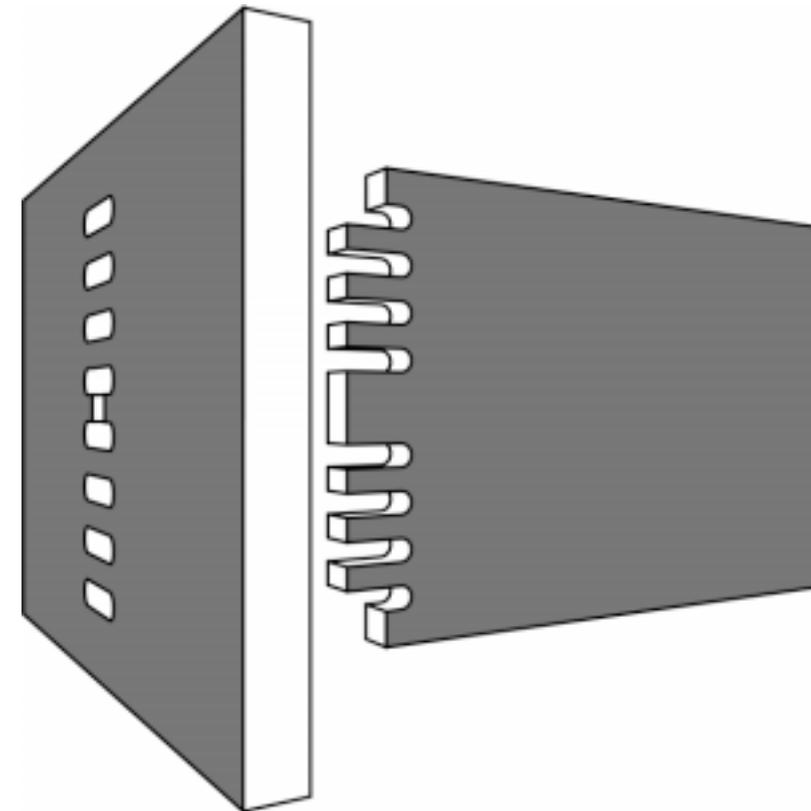


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Fingertip Tenons with Central Positioning Tenon

The Fingertip Tenons can not only be executed with lateral positioning tenons, but also with one central positioning tenon. The latter version is mainly used when there is no great need to secure the mortised parts, e.g. cross bars and foot-rails, against torsion. If the mortised parts are broad, it is recommended to place more positioning tenons in the row of tenons.

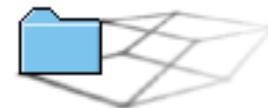
The Fingertip Tenons can be executed in solid wood as well as board materials. When solid wood is used, one needs to pay attention to the main direction of shrinkage in the mortised parts.



Example of application

→ C...Stool

→ to the data files





name of file: F_001

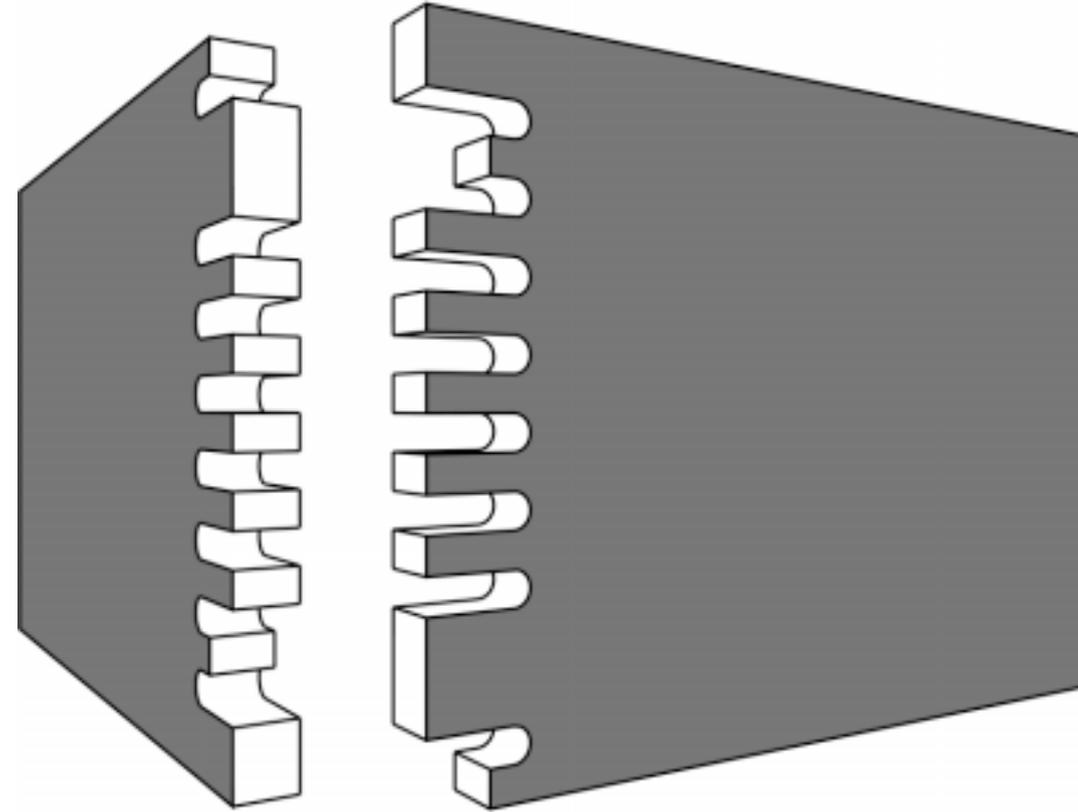
Fingertip Tenons

The Fingertip Tenons are slenderer than the Finger Tenons. Ideally the width of the tenons equals the diameter of the router bit. In order to avoid that the tenons slip through, a special positioning tenon is placed at either end of each row of tenons. In the case of broader rows of tenons, additional positioning tenons can be inserted.

Due to the greater number of tenons for an equal width, the Fingertip Tenons, as opposed to the Finger Tenons, have a higher friction tight which leads to a higher durability of the joint.

Example of application

→ C...Stool



→ to the data files

